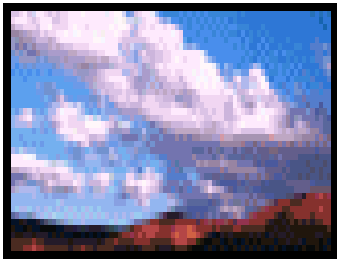
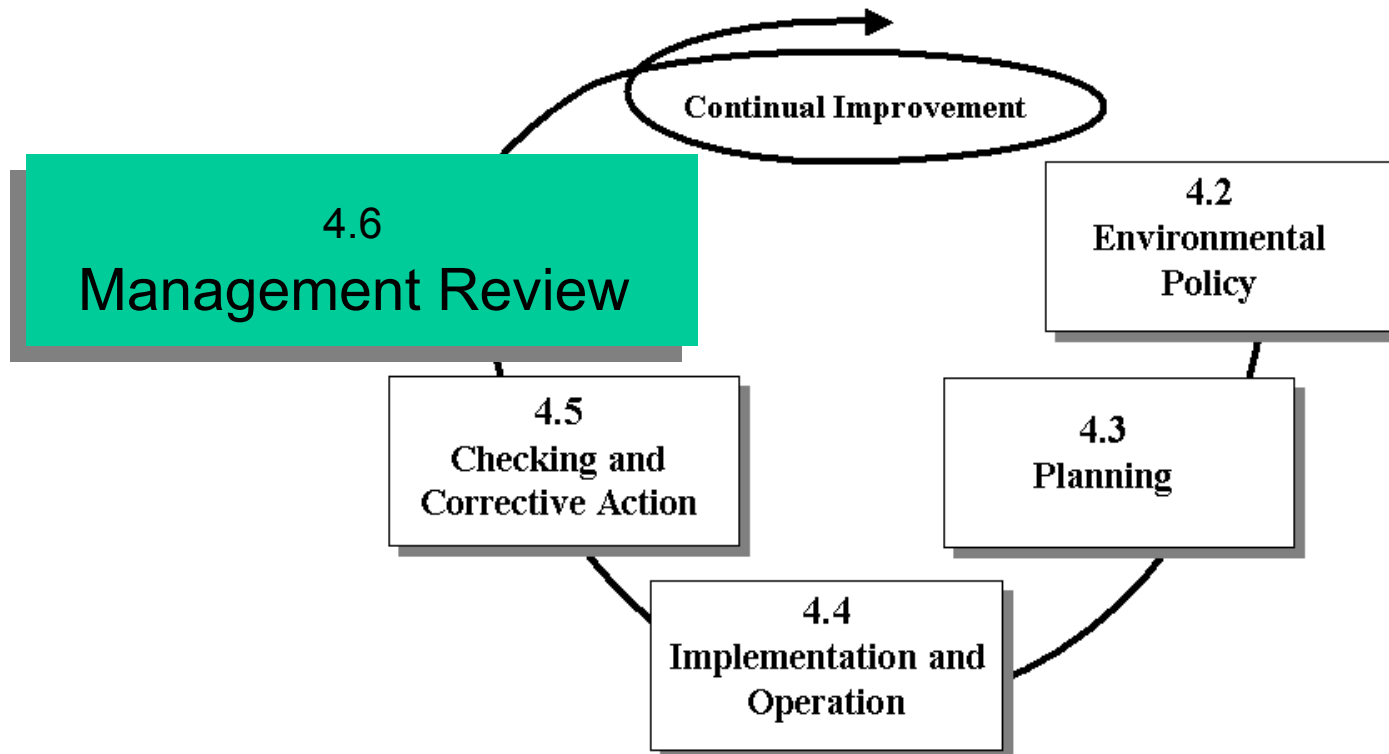


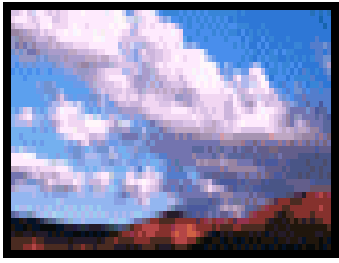
Module 10: Management Review

- What is required by ISO 14001?
- Why is it important?
- What are key issues for Army?



Management Review



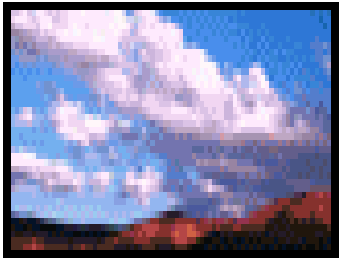


Requirements

Management Review:

- “The organization’s **top management** shall, at **intervals** that it determines, review the environmental **management system** to ensure its continuing suitability, adequacy, and effectiveness. The management review process shall ensure that the necessary **information** is collected to allow management to carry out this evaluation. The review shall be **documented**.

The management review shall address the possible **need for changes** to the policy, objectives, and other elements of the **environmental management system** in light of environmental management system **audit** results, changing **circumstances** and the commitment to **continual improvement**.” (ISO14001Sec. 4.6)



Key Concepts

■ Top management is key

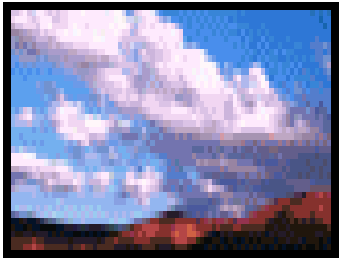
- Maintains visibility & facilitates needed change

■ Periodic review

- ISO allows organization to determine
- EO 13148 requires annual review

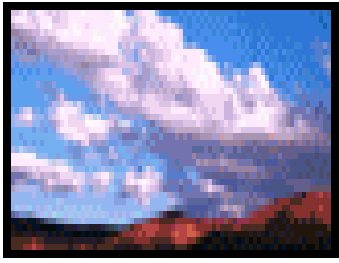
■ Review is documented

- Maintains credibility & facilitates needed change



Key Concepts

- **Review is of the system vs environmental performance**
 - But problems with environmental performance can reflect problems in system
- **Requires planning ahead so needed information is collected, analyzed, & ready**
- **Essential to continual improvement**



Army Focus

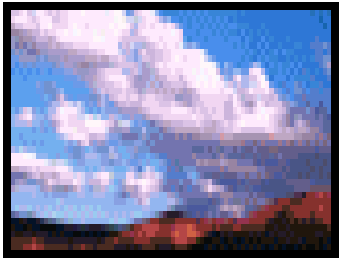
■ Central to mission focus

- Fast-changing times need an agile system
- Use to confirm system alignment with mission goals
- Capitalize on positives – share what's working!

■ Look for root cause on nonconformance (vs scapegoat)

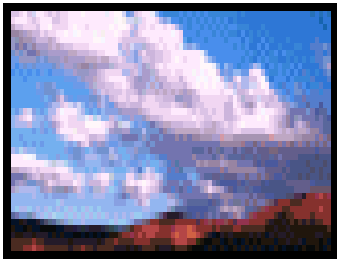
- Directly supporting mission so needs to be fixed
- Also focus on how extend, expand, and make more mission advancing

■ Consider publishing results widely



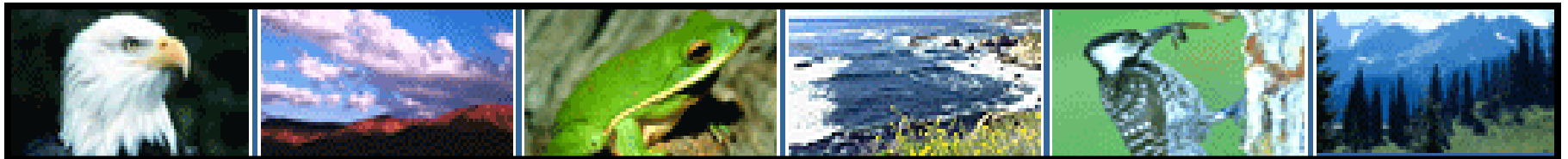
Summary

- **Management review is central to continual improvement – and mission focus**
- **Deals with conformance of system**
- **EO 13148 requires annual review**
- **Must be documented**
- **Maintain aggressive stance in advancing mission priorities**

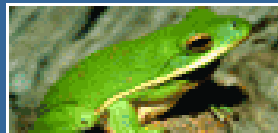
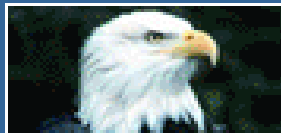


In Closing

- EMS is required at all appropriate federal facilities by 12/31/05
- ISO 14001 is a tool for achieving mission goals
- Moves Army to best industry practice



Environmental Management Systems



Elements of an EMS

What is an EMS?

Environmental Policy
Statement

Guidance

Self-Assessment

Resources

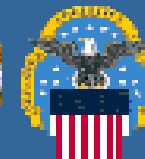
EMS Pilot Studies

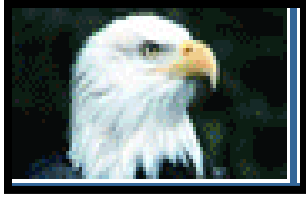
EMS Presentations

Tools & Training

POCs

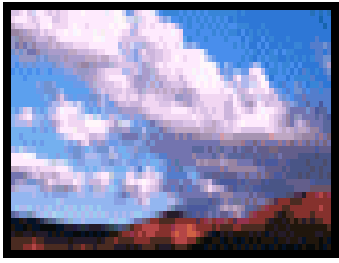
Benchmarking Other
Organizations





Websites

- **Army track of DENIX EMS site** (click on Army shield at bottom)
<http://www.denix.osd.mil/ems>
- **USEPA Office of Federal Facilities**
<http://www.epa.gov>
- **American National Standards Institute (ANSI)**
<http://www.ansi.org/iso14000/index.htm>
- **National Database on Environmental Management Systems**
<http://www.eli.org/isopilots>
- **EMS Multi-state Working Group**
<http://www.mswg.org>



Wrap up & Feedback



Hooah!

You have completed the Course.

